

SEQUENCE LISTING

(1) GENERAL INFORMATION:

(i) APPLICANT: Gunzburg, Walter H.  
Saller, Robert M.  
Salmons, Brian

(ii) TITLE OF INVENTION: RETROVIRAL VECTORS CARRYING SENESCENT  
CELL DERIVED INHIBITORS 1 (SDI-1) OR ANTISENSE SDI-1 NUCLEOTIDE  
SEQUENCES

(iii) NUMBER OF SEQUENCES: 7

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: HAMILTON, BROOK, SMITH & REYNOLDS, P.C.  
(B) STREET: TWO MILITIA DRIVE  
(C) CITY: LEXINGTON  
(D) STATE: MASSACHUSETTS  
(E) COUNTRY: USA  
(F) ZIP: 02173

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk  
(B) COMPUTER: IBM PC compatible  
(C) OPERATING SYSTEM: PC-DOS/MS-DOS  
(D) SOFTWARE: PatentIn Release #1.0, Version #1.30

(vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER: US 09/058,546  
(B) FILING DATE: 10-APR-1998  
(C) CLASSIFICATION:

(vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: PCT/EP96/04447  
(B) FILING DATE: 11-OCT-1996

(vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: DK 1157/95  
(B) FILING DATE: 13-OCT-1995

(viii) ATTORNEY/AGENT INFORMATION:

(A) NAME: Brook, David E.

- (B) REGISTRATION NUMBER: 22.592
- (C) REFERENCE/DOCKET NUMBER: GSF98-02A

(ix) TELECOMMUNICATION INFORMATION:

- (A) TELEPHONE: (781) 861-6240
- (B) TELEFAX: (781) 861-9540

(2) INFORMATION FOR SEQ ID NO:1:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 41 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: other nucleic acid

- (A) DESCRIPTION: /desc = "DNA"

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

ATGAAAGACC CCGCGGACGC GTGCGCCAGT CCTCCGATTG A

41

(2) INFORMATION FOR SEQ ID NO:2:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 20 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: other nucleic acid

- (A) DESCRIPTION: desc = "DNA"

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

TCAATCACTC AGAGGAGACC

20

(2) INFORMATION FOR SEQ ID NO:3:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 41 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: other nucleic acid

- (A) DESCRIPTION: /desc = "DNA"

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

ACATCGATAG AAAAAGGGGG GAATGAAAGA CCCC GCGGAC G

41

(2) INFORMATION FOR SEQ ID NO:4:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 26 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: other nucleic acid

- (A) DESCRIPTION: /desc = "DNA"

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:

ATACCGCGGA AAAAGGGGGA AATGCC

26

(2) INFORMATION FOR SEQ ID NO:5:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 33 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: other nucleic acid

- (A) DESCRIPTION: /desc = "DNA"

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:

GCGGCGACGC GTAAGTTTAC TCAAAAATC AGC

33

(2) INFORMATION FOR SEQ ID NO:6:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 28 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: other nucleic acid

- (A) DESCRIPTION: /desc = "DNA"

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:

TATGGACGTC TCCCTGCCGA AGTCAGTT

28

(2) INFORMATION FOR SEQ ID NO:7:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 28 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: other nucleic acid

- (A) DESCRIPTION: /desc = "DNA"

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:

TATGGGATCC GGCAGAAGAT GTAGAGCG

28